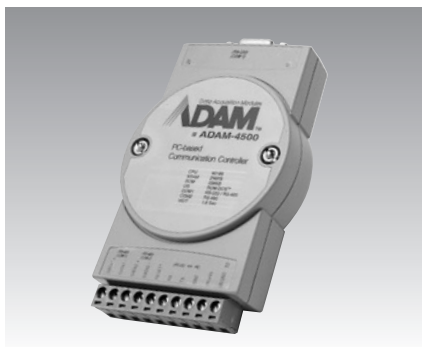


ADAM-4500 ADAM-4570 ADAM-4571

PC-based Communication Controller

2-port Ethernet to Serial Data Gateway

1-port Ethernet to Serial Data Gateway



ADAM-4500



ADAM-4570



ADAM-4571



Specifications

- **CPU** 80188, 16-bit microprocessor
- **Flash ROM** 256 KB (170 KB free memory for the user)
- **Operating system** Boot ROM-DOS
- **Timer BIOS** Yes
- **SRAM** 256 KB (234 KB free memory for the user)
- **Real-time clock** Yes
- **Watchdog timer** Yes
- **COM1** RS-232/485
- **COM2** RS-485
- **Program download port (RS-232)** Tx, Rx, GND

Communication

- **RS-232/485 Transmission Speed** Up to 115.2 Kbps
- **RS-232 interface Connector** Female DB-9
- **RS-485 interface Connector** Plug-in screw terminal
- **RS-485 auto flow control**

Power

- **Power Requirement** Unregulated +10 ~ +30 V_{DC}
- **Power Consumption** 2.0 W @ 24 V_{DC}

Ordering Information

- **ADAM-4500** PC-based Communication Controller

Specifications

- **Protocol** TCP, UDP, IP, ARP
- **Network Ports** 10 BASE-T IEEE 802.3
100 BASE-TX IEEE 802.3u
RJ-45 connector
RS-232/485/422
- **Serial Port** Connector: DTE, DCE
Transmission speeds:
RS-232: 300 bps to 115.2 Kbps
RS-485/422: 300 bps to 230.4 Kbps
Format: parity bit: odd, even, none
Data bit: 5, 6, 7, 8
Stop bit: 1, 1.5, 2
Modem control: Full, RS-232
- **Compatibility** Ethernet: version 2.0/IEEE 802.3, IEEE 802.3u
- **Diagnostic LEDs** Network: Tx/Rx, Link, Speed (10/100 Mbps), Power
Serial: Tx/Rx, Status
- **Utility Software** Windows-based, auto-search for device
Device Setting: name, description, serial port
- **Driver** Windows NT 4.0 driver to redirect the standard Win32 API
- **Power Requirement** Unregulated 10~30 V_{DC} with protection from power surge
- **Power Consumption** 4.0 W @ 24 V_{DC}
- **Case** ABS with captive mounting hardware
- **Accessories** nylon DIN-rail mounting adapter SECC panel mounting bracket
- **Operating Temperature** 0 ~ 60° C (32~140° F)
- **Storage Temperature** -20 ~ 80° C (-4~176° F)
- **Operating Humidity** 20~95% (non-condensing)
- **Storage Humidity** 0~95% (non-condensing)

Ordering Information

- **ADAM-4570** 2-port Ethernet to RS-232/422/485 Data Gateway

Specifications

- **Protocol** TCP, UDP, IP, ARP
- **Network Port** 10 BASE-T IEEE 802.3
100 BASE-TX IEEE 802.3u
RJ-45 connector
RS-232/485/422
- **Serial Port** Connector: DTE, DCE
Transmission speeds:
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Serial: Tx/Rx, Status
- **Utility Software** Windows-based, auto-search for device
Device Setting: name, description, serial port
- **Driver** Windows NT 4.0 driver to redirect the standard Win32 API
- **Power Requirement** Unregulated 10 to 30 V_{DC} with protection from power surge
- **Power Consumption** 4.0 W @ 24 V_{DC}
- **Case** ABS with captive mounting hardware
- **Accessories** Nylon DIN-rail mounting adapter SECC panel mounting bracket
- **Operating Temperature** 0~60° C (32~140° F)
- **Storage Temperature** -20~80° C (-4~176° F)
- **Operating Humidity** 20 ~ 95% (non-condensing)
- **Storage Humidity** 0~95% (non-condensing)

Ordering Information

- **ADAM-4571** 1-port Ethernet to RS-232/422/485 Data Gateway